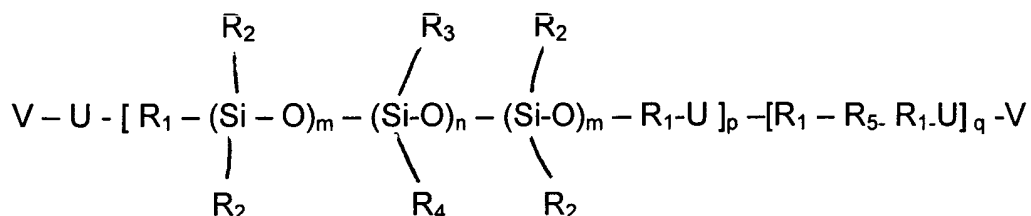


We claim:

1. Prepolymers comprising:



wherein the V groups may be the same or different reactive or polymerizable groups; the R₁ groups may be the same or different spacer groups, nothing or an organic spacing group; the R₂ groups may be the same or different C₁₋₆ alkyl groups; R₃ is either R₂ or R₄; R₄ is a C₆₋₃₀ aromatic group; R₅ is a yellow dye-containing moiety; the U groups may be the same or different difunctional linkage or nothing; and m, n, p and q represent the same or different non-negative integers greater than zero.

2. The prepolymer of claim 1 wherein q is an integer such that the weight of R₅ is less than approximately 5 percent of the weight of the prepolymer.

3. The prepolymer of claim 1 wherein q is an integer such that the weight of R₅ is less than approximately 1 percent of the weight of the prepolymer.
4. The prepolymer of claim 1 wherein said V groups are selected from the group consisting of vinyl, allyl, acrylate, methacrylate, acrylamide, methacrylamide, fumarate, maleate and styrene.
5. The prepolymers of claim 1 wherein said R₁ groups are selected from the group consisting of spacer groups, nothing or an organic spacing group.
6. The prepolymers of claim 5 wherein said spacer groups are selected from the group consisting of C₁₋₁₂ alkylenes.
7. The prepolymers of claim 5 wherein said organic spacing group is composed of up to 12 atoms in any combination.

8. The prepolymers of claim 7 wherein said atoms are selected from the group consisting of carbon, hydrogen, silicon, oxygen, nitrogen, phosphorous, sulfur, chloride, bromine and fluorine.
9. The prepolymers of claim 1 wherein said R₅ group contains a yellow dye moiety.
10. The prepolymers of claim 1 wherein said U group is nothing or a difunctional linkage, which renders the prepolymer with multiple blocks of polysiloxane groups and yellow dye moieties.
11. The prepolymers of claim 1 wherein said U group is urethane.
12. The prepolymers of claim 1 wherein said prepolymers have blue light absorption properties.
13. A polymeric composition produced through the copolymerization of one or more prepolymers of claim 1 with one or more monomers or oligomers.

14. A polymeric composition produced through the copolymerization of one or more prepolymers of claim 1 with one or more monomers or oligomers, one or more strengthening agents, one or more crosslinking agents and one or more catalysts.
15. The polymeric composition of claim 13 or 14 wherein said one or more monomers or oligomers are selected from the group consisting of high refractive index siloxane-containing acrylates, high refractive index siloxane-containing methacrylates, aromatic-group-containing acrylates, aromatic-group-containing methacrylates, vinyl- or allyl-containing siloxane monomers having high refractive indices, and vinyl or allyl-containing aromatic monomers.
16. The polymeric composition of claim 14 wherein said strengthening agent is selected from a group consisting of a silica filler and a siloxane-based resin with at least one vinyl group.
17. The polymeric composition of claim 14 wherein said strengthening agent is a silica filler.

18. The polymeric composition of claim 14 wherein said strengthening agent is a siloxane-based resin with at least one vinyl groups.
19. The polymeric composition of claim 14 wherein said crosslinking agent is polydimethyl-co-methylhydrosiloxane.
20. The polymeric composition of claim 14 wherein said catalyst is a Pt-silicone complex.
21. The polymeric composition of claim 14 wherein said catalyst is Pt-silicone complex.
22. A process for producing the prepolymers of claim 1 comprising:
- linking one or more yellow dye moiety-containing compounds with one or more polysiloxane compounds to produce a prepolymer intermediate; and
 - reacting said prepolymer intermediate with an ethylenically unsaturated monomer containing a functional group.

23. A process for producing a polymeric composition comprising:
polymerizing one or more prepolymers of claim 1 with one or more
monomers or oligomers.
24. A process for producing a polymeric composition comprising:
polymerizing one or more prepolymers of claim 1 with one or more
monomers or oligomers, one or more strengthening agents, one or more
crosslinking agents and one or more catalysts.
25. The process of claim 23 or 24 wherein said one or more
monomers or oligomers are selected from the group consisting of high
refractive index siloxane-containing acrylates, high refractive index
siloxane-containing methacrylates, aromatic-group-containing acrylates,
aromatic-group-containing methacrylates, vinyl- or allyl-containing
siloxane monomers having high refractive indices, and vinyl or allyl-
containing aromatic monomers..
26. The process of claim 24 wherein said reinforcing component is selected
from a group consisting of silica filler or a siloxane-based-resin with at
least one vinyl groups.

27. The process of claim 24 wherein said reinforcing component is a silica filler.
28. The process of claim 24 wherein said reinforcing component is a siloxane-based resin with at least one vinyl group.
29. A method of producing an ophthalmic device using the polymeric composition produced through the process of claim 23 or 24 comprising:
casting said polymeric composition into a shaped body.
30. A method of using the ophthalmic device produced through the method of claim 29 comprising:
implanting said ophthalmic device in an eye.
31. A method of producing an ophthalmic device using a polymeric composition produced from one or more of the prepolymers of claim 1 comprising:
casting said polymeric composition into a shaped body.

32. A method of using the ophthalmic device produced through the method of claim 31 comprising:
implanting said ophthalmic device in an eye.
33. A medical device containing one or more of the prepolymers of claim 1.
34. An intraocular lens containing one or more of the prepolymers of claim 1.